

[Document]        ABSTRACT

[Abstract]

[Object]    An object of the present invention is to provide a measuring distance device which can perform an accurate high-speed process for a hybrid AF camera.

[Means for Achieving the Object]    In a measuring distance device according to the present invention, a limitation on use of an area is performed by selecting the specific area of the sensor array to optimize a working sensor area. More specifically, there is provided a measuring distance device including: a sensor array 3c; means for selecting the specific area of the sensor array; means for determining an in-focus position according to an image signal output from the sensor array selected by the selection means; and means for projecting auxiliary light on a predetermined point in a finder screen 20. By using the above means the measuring distance device is configured such that the selected area of the sensor array (area A, area B or area C) can be switched depending on whether projection is performed or not, to execute changeover control. Further, a reduction in time lag is achieved without increasing a read area, and an influence of harmful light is reduced.

[Elected Figure]    FIG. 7